

Converting Colors

XYZ(76.1036, 68.2263,
156.5490)

Have a look what the booklet for
XYZ(76.1036, 68.2263, 156.5490)
contains.

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Color

**XYZ(66.1758, 64.4380,
103.5577)**

Conversions

Conversions Part 1

Format	Color
Hex	D1CDFF
RGB	209, 205, 255
RGB Percent	82%, 80%, 100%
CMY	0.1804, 0.1961, 0.0000
CMYK	0.18, 0.20, 0.00, 0.00
HSL	245°, 100%, 90%
HSV	245°, 20%, 100%
XYZ	66.1758, 64.4380, 103.5577
YIQ	211.8960, -13.6660, 16.3980

Conversions

Conversions Part 2

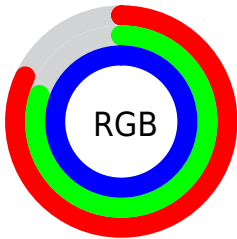
Format	Color
R _Y B	209, 205, 255
Decimal	13749759
CIE Lab	84.19, 11.29, -23.94
CIE LCh	84, 26.466, 295.248
Yxy	64.4380, 0.2826, 0.2752
Android (android.graphics.Color)	4291939839 (0xFFD1CDFF)
YUV	211.8960, 21.2503, -2.5398
Hunter-Lab	80.2733, 6.6738, -20.2966

Details

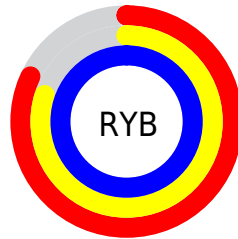
The XYZ color **66.1758, 64.4380, 103.5577** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **86.5645, 96.4377, 71.8125**, and the grayscale version is **62.3817, 65.6304, 71.4715**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.5861, 33.0805, 57.9884** is the 20% darker color. If you saturate the color by 10%, you get **54.4099, 50.0446, 101.3996**, and if you desaturate by 10%, it is **79.9168, 81.3284, 106.0936**.

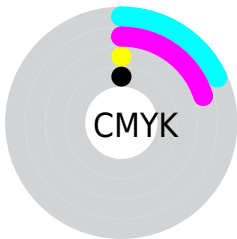
Distribution



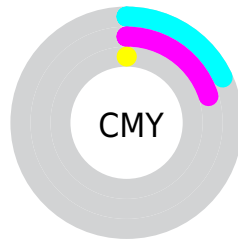
- Red (82%)
- Green (80%)
- Blue (100%)



- Red (82%)
- Yellow (80%)
- Blue (100%)



- Cyan (18%)
- Magenta (20%)
- Yellow (0%)
- Black (0%)



- Cyan (18%)
- Magenta (20%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.1758, 64.4380, 103.5577 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 66.1758, 64.4380, 103.5577 by changing the saturation by 10% instead.

■ 66.1758, 64.4380,
103.5577

■ 66.1758, 64.4380,
103.5577

436.4841,
440.7696, 592.8836

■ 48.6834, 47.0055,
78.6416

112.7949,
111.2415, 168.1321

■ 34.5819, 33.0400,
58.0816

142.6524,
141.3813, 208.6276

■ 23.5060, 22.1571,
41.4592

177.3622,
176.5256, 255.1532

■ 15.0903, 13.9724,
28.3556

217.2897,
217.0589, 308.1276

■ 8.9695, 8.1015,
18.3525

262.8003,
263.3656, 367.9693

■ 4.7783, 4.1599,
11.0313

314.2593,

■ 2.1512, 1.7634,

315.8300, 435.0969

5.9735

372.0321,
374.8366, 509.9288

■ 0.7168, 0.4642,
2.7604

■ 0.0000, 0.0000,
0.9736

■ 66.1758, 64.4380,
103.5577

■ 66.1758, 64.4380,
103.5577

■ 54.4099, 50.0446,
101.3996

■ 79.9168, 81.3284,
106.0936

■ 44.5230, 38.0226,
99.6002

95.0500, 100.0000,
108.9000

■ 36.4192, 28.2466,
98.1404

■ 29.9918, 20.5770,
96.9988

■ 25.1228, 14.8584,
96.1516

■ 21.6786, 10.9139,
95.5717

■ 19.5030, 8.5342,
95.2271

■ 18.3769, 7.4047,
95.0684

■ 18.3465, 7.3728,
95.0639

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



60.3183, 64.4380, 107.4554



66.1758, 64.4380, 103.5577



70.9715, 64.4380, 90.1963

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



66.1758, 64.4380, 103.5577



67.8917, 64.4380, 46.8617



50.6964, 64.4380, 67.5242

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



66.1758, 64.4380, 103.5577



86.5645, 96.4377, 71.8125

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



52.4529, 64.4380, 53.3385



66.1758, 64.4380, 103.5577



62.1840, 64.4380, 42.6820

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



66.1758, 64.4380, 103.5577



72.0057, 64.4380, 57.2865



56.5681, 64.4380, 44.8498



51.6161, 64.4380, 84.8353

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



66.1758, 64.4380, 103.5577



72.7933, 64.4380, 78.6981



56.5681, 64.4380, 44.8498



50.9901, 64.4380, 62.2667

Sweetspot

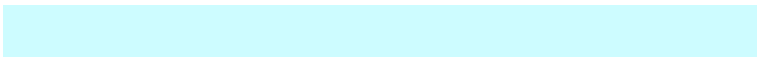
The Sweet Spot groups the original color and five complimentary colors.



66.1776, 64.4406, 103.5581



85.3713, 88.0510, 107.1037



77.9340, 89.6116, 107.7970



18.0572, 18.5805, 22.8846



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



66.1776, 64.4406, 103.5581



60.7693, 57.8148, 102.5642



73.5963, 68.2650, 103.9053



17.1376, 17.4471, 22.7143



9.6333, 3.8766, 49.6751



0.9821, 0.4002, 4.8388

Inverse Universe

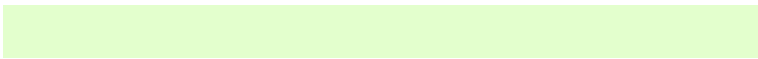
The Inverse Universe completely reimagines the original color for something new.



80.4854, 71.8901, 100.9028



77.7593, 66.6634, 99.2989



78.3544, 92.2052, 71.4283



18.7263, 18.2738, 22.4418



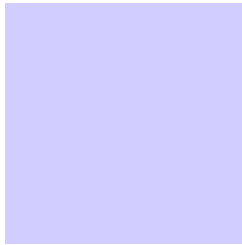
29.3810, 14.2417, 42.2526



2.8786, 1.3938, 4.2079

Previews

White Background



This preview shows how the XYZ color 66.1758, 64.4380, 103.5577 looks on a white background.

Color Contrast Check

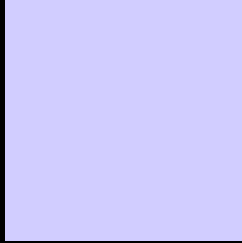
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 66.1758, 64.4380, 103.5577 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

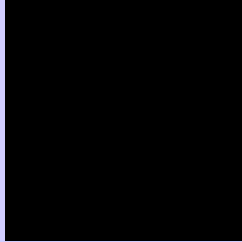
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 66.1758, 64.4380, 103.5577

Background



This preview shows how black text looks on a background with the XYZ color 66.1758, 64.4380, 103.5577.

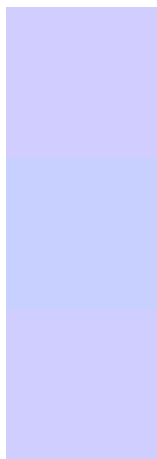


This preview shows how white text looks on a background with the XYZ color 66.1758, 64.4380,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

66.1758, 64.4380, 103.5577

Protanopia

64.1591, 64.4739, 103.6709

Deuteranopia

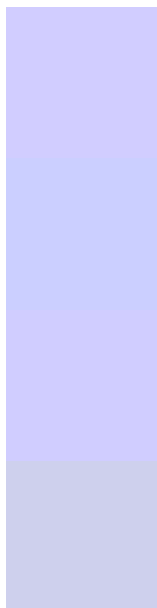
65.8937, 64.2925, 103.5445



Tritanopia

61.8136, 64.4766, 81.8604

Trichromacy



Original Color

66.1758, 64.4380, 103.5577

Protanomaly

64.9914, 64.5422, 103.6402

Deuteranomaly

65.8937, 64.2925, 103.5445

Tritanomaly

63.2955, 64.3480, 89.2051

Monochromacy



Original Color

66.1758, 64.4380, 103.5577

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

63.6680, 65.0512, 82.5993

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.1758, 64.4380, 103.5577 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(209, 205, 255)` looks like.

```
.text, #text, p{  
    color:rgb(209, 205, 255)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(209, 205, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 205, 255) }
```

Border

The CSS property to change the border of an element to XYZ 66.1758, 64.4380, 103.5577 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(209, 205, 255) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(209, 205, 255) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(209, 205, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 205, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 205, 255);  
box-shadow:4px 4px 4px 4px rgb(209, 205,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 66.1758, 64.4380, 103.5577 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 205, 255) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(209,  
205, 255) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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